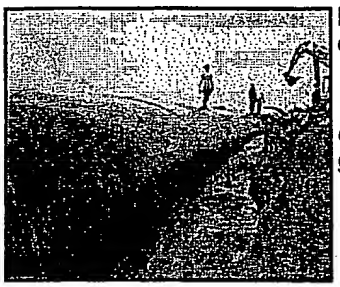
Ten Cate Nicolon

GEOTUBES

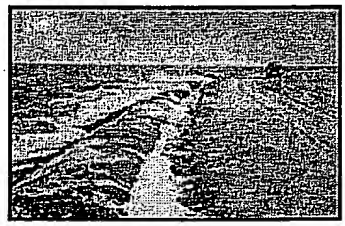


Hydraulically sand filled flexible geotextile tube system for the core construction of dikes, dams and as shore protection.

The Geotubes were designed by Ten Cate Nicolon for applications in marine engineering and are used as construction elements in the cores of piers, moles, groynes, dams and dikes and in shore protection projects.

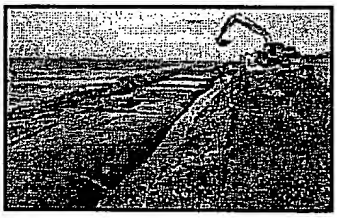
Main advantages:

GEOTUBES are filled hydraulically with locally available sand.



GEOTUBES will be tailor-made to fit the project by optimising diameter and length.

GEOTUBES cause minimum impact on the environment. The system uses locally available sand, rather than imported stone.



GEOTUBES can be installed on land or in water up to a depth of 4 m.

GEOTUBES will be manufactured from the advanced GEOLON PET/PE 90, PP 80, PP 100S, PP 120S or PP 200S using specially designed high strength seaming techniques.

GEOTUBES are very robust, UV-stabilised, have a high resistance against mechanical damage with a long life expectancy.

GEOTUBES have a number of inlet ports over their entire length. These ports also act as outlet ports for excess water.

GEOTUBES have been used successfully in many projects world-wide, their lengths varied between 50 and 300 m. and the diameters between 1 and 4 m.

GEOTUBES are supplied with sufficient anchoring straps to enable correct positioning prior to and during the filling operation.

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